

# Craig M Hart

## List of Publications by Citations

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30  
papers

2,906  
citations

22  
h-index

31  
g-index

31  
ext. papers

3,144  
ext. citations

8.5  
avg, IF

4.38  
L-index

#	Paper	IF	Citations
30	Histone methyltransferase activity of a Drosophila Polycomb group repressor complex. <i>Cell</i> , <b>2002</b> , 111, 197-208	56.2	1240
29	Visualization of chromosomal domains with boundary element-associated factor BEAF-32. <i>Cell</i> , <b>1995</b> , 81, 879-89	56.2	265
28	A Drosophila ESC-E(Z) protein complex is distinct from other polycomb group complexes and contains covalently modified ESC. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 3069-78	4.8	135
27	Regulated inactivation of homologous gene expression in transgenic <i>Nicotiana sylvestris</i> plants containing a defense-related tobacco chitinase gene. <i>Molecular Genetics and Genomics</i> , <b>1992</b> , 235, 179-88		116
26	The scsTboundary element: characterization of boundary element-associated factors. <i>Molecular and Cellular Biology</i> , <b>1997</b> , 17, 999-1009	4.8	97
25	Facilitation of chromatin dynamics by SARs. <i>Current Opinion in Genetics and Development</i> , <b>1998</b> , 8, 519-25	4.9	95
24	A 61 bp enhancer element of the tobacco beta-1,3-glucanase B gene interacts with one or more regulated nuclear proteins. <i>Plant Molecular Biology</i> , <b>1993</b> , 21, 121-31	4.6	88
23	Genome-wide mapping of boundary element-associated factor (BEAF) binding sites in <i>Drosophila melanogaster</i> links BEAF to transcription. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 3556-68	4.8	81
22	Evidence for a role of beta-1,3-glucanase in dicot seed germination. <i>Plant Journal</i> , <b>1994</b> , 5, 273-278	6.9	77
21	Evidence for an antagonistic relationship between the boundary element-associated factor BEAF and the transcription factor DREF. <i>Chromosoma</i> , <b>1999</b> , 108, 375-83	2.8	76
20	Identification of a class of chromatin boundary elements. <i>Molecular and Cellular Biology</i> , <b>1998</b> , 18, 7478-86	4.6	75
19	Developmental, hormonal, and pathogenesis-related regulation of the tobacco class I beta-1,3-glucanase B promoter. <i>Plant Molecular Biology</i> , <b>1994</b> , 25, 299-311	4.6	65
18	Mapping geochemical singularity using multifractal analysis: Application to anomaly definition on stream sediments data from Funin Sheet, Yunnan, China. <i>Journal of Geochemical Exploration</i> , <b>2010</b> , 104, 1-11	3.8	54
17	BEAF regulates cell-cycle genes through the controlled deposition of H3K9 methylation marks into its conserved dual-core binding sites. <i>PLoS Biology</i> , <b>2008</b> , 6, 2896-910	9.7	52
16	The <i>Drosophila</i> boundary element-associated factors BEAF-32A and BEAF-32B affect chromatin structure. <i>Genetics</i> , <b>2006</b> , 173, 1365-75	4	50
15	Transcription antitermination by phage lambda gene Q protein requires a DNA segment spanning the RNA start site. <i>Genes and Development</i> , <b>1987</b> , 1, 217-26	12.6	45
14	Identification of a multicopy chromatin boundary element at the borders of silenced chromosomal domains. <i>Chromosoma</i> , <b>2002</b> , 110, 519-31	2.8	39

13	Characterization of BEAF mutations isolated by homologous recombination in <i>Drosophila</i> . <i>Genetics</i> , <b>2007</b> , 176, 801-13	4	36
12	Genome-wide studies of the multi-zinc finger <i>Drosophila</i> Suppressor of Hairy-wing protein in the ovary. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, 5415-31	20.1	34
11	Studies of the role of the <i>Drosophila</i> scs and scsTinsulators in defining boundaries of a chromosome puff. <i>Molecular and Cellular Biology</i> , <b>2004</b> , 24, 1470-80	4.8	31
10	Deletion analysis of the lambda tR1 termination region. Effect of sequences near the transcript release sites, and the minimum length of rho-dependent transcripts. <i>Journal of Molecular Biology</i> , <b>1994</b> , 237, 255-65	6.5	31
9	A genetic screen supports a broad role for the <i>Drosophila</i> insulator proteins BEAF-32A and BEAF-32B in maintaining patterns of gene expression. <i>Molecular Genetics and Genomics</i> , <b>2007</b> , 277, 273-86	3.1	17
8	4C-seq characterization of <i>Drosophila</i> BEAF binding regions provides evidence for highly variable long-distance interactions between active chromatin. <i>PLoS ONE</i> , <b>2018</b> , 13, e0203843	3.7	10
7	Promoter-Proximal Chromatin Domain Insulator Protein BEAF Mediates Local and Long-Range Communication with a Transcription Factor and Directly Activates a Housekeeping Promoter in. <i>Genetics</i> , <b>2020</b> , 215, 89-101	4	5
6	Characterization of the <i>Drosophila</i> BEAF-32A and BEAF-32B Insulator Proteins. <i>PLoS ONE</i> , <b>2016</b> , 11, e0162906	3.7	5
5	Lack of the <i>Drosophila</i> BEAF insulator proteins alters regulation of genes in the Antennapedia complex. <i>Molecular Genetics and Genomics</i> , <b>2011</b> , 285, 113-23	3.1	3
4	Targeted gene replacement by homologous recombination in <i>Drosophila</i> stimulates production of second-site mutations. <i>Fly</i> , <b>2010</b> , 4, 12-7	1.3	3
3	Using a phiC31 "Disintegrator" to make new attP sites in the <i>Drosophila</i> genome at locations showing chromosomal position effects. <i>PLoS ONE</i> , <b>2018</b> , 13, e0205538	3.7	2
2	Do the BEAF insulator proteins regulate genes involved in cell polarity and neoplastic growth?. <i>Developmental Biology</i> , <b>2014</b> , 389, 121-3	3.1	1
1	Overlapping but Distinct Sequences Play Roles in the Insulator and Promoter Activities of the BEAF-Dependent scsTinsulator. <i>Genetics</i> , <b>2020</b> , 215, 1003-1012	4	0